

## CONTENTS

Number 1, January 1988

### ARTICLES

<b>Myocardial Infarct Extension: Occurrence, Outcome, and Risk Factors in the Multicenter Investigation of Limitation of Infarct Size.</b> J.E. Muller, R.E. Rude, E. Braunwald, T.D. Hartwell, R. Roberts, B.E. Sobel, C. Ritter, C.B. Parker, A.S. Jaffe, P.H. Stone, D.S. Raabe, Jr., J.T. Willerson, T. Robertson, and The MILIS Study Group	1
<b>Echocardiographically Detected Left Ventricular Hypertrophy: Prevalence and Risk Factors. The Framingham Heart Study.</b> D. Levy, K.M. Anderson, D.D. Savage, W.B. Kannel, J.C. Christiansen, and W.P. Castelli	7
<b>Cytogenetic Abnormalities Predict Clinical Outcome in Non-Hodgkin Lymphoma.</b> E.G. Levine, D.C. Arthur, G. Frizzera, B.A. Peterson, D.D. Hurd, and C.D. Bloomfield	14
<b>Renal Salt Wasting in Patients Treated with Cisplatin.</b> F.N. Hutchison, E.A. Perez, D.R. Gandara, H.J. Lawrence, and G.A. Kayser	21
<b>Seronegative Hashimoto Thyroiditis with Thyroid Autoantibody Production Localized to the Thyroid.</b> J.R. Baker, Jr., N.B. Saunders, L. Wartofsky, Y.-C. L. Tseng, and K.D. Burman	26
<b>Gram-Positive Infections and the Use of Vancomycin in 550 Episodes of Fever and Neutropenia.</b> M. Rubin, J.W. Hathorn, D. Marshall, J. Gress, S.M. Steinberg, and P.A. Pizzo	30
<b>Marked Disparity in Incidence of Bacterial Infections in Patients with the Acquired Immunodeficiency Syndrome Receiving Interleukin-2 or Interferon-<math>\gamma</math>.</b> P.M. Murphy, H.C. Lane, J.I. Gallin, and A.S. Fauci	36

### SHORT PAPERS

<b>Fine-Needle Aspiration Biopsy of Patients with Acquired Immunodeficiency Syndrome (AIDS): Experience in an Outpatient Clinic.</b> K. Bottles, L. W. McPhaul, and P. Volberding	42
<b>Transmission of Human Immunodeficiency Virus (HIV) by Transplantation: Clinical Aspects and Time Course Analysis of Viral Antigenemia and Antibody Production.</b> P.A. Bowen, II, S.A. Lobel, R.J. Caruana, M.S. Leffell, M.A. House, J.P. Rissing, and A.L. Humphries	46
<b>Intrathecal Production of Antibodies Against <i>Toxoplasma gondii</i> in Patients with Toxoplasmosic Encephalitis and the Acquired Immunodeficiency Syndrome (AIDS).</b> I. Potasman, L. Resnick, B.J. Luft, and J.S. Remington	49
<b>Human Immunodeficiency Virus and Hepatitis Delta Virus in Homosexual Men: A Study of Four Cohorts.</b> R.E. Solomon, R.A. Kaslow, J.P. Phair, D. Lyter, B. Visscher, D. Lyman, M. T. VanRaden, and J. Gerin	51
<b>Subnormal Pancreatic Polypeptide and Epinephrine Responses to Insulin-Induced Hypoglycemia Identify Patients with Insulin-Dependent Diabetes Mellitus Predisposed to Develop Overt Autonomic Neuropathy.</b> F.P. Kennedy, V.L.W. Go, P.E. Cryer, G.B. Bolli, and J.E. Gerich	54
<b>Dichloroacetate in the Treatment of Lactic Acidosis.</b> P.W. Stacpoole, A.C. Lorenz, R.G. Thomas, and E.M. Harman	58

### BRIEF REPORTS

<b>An Unusual Skin Rash Associated with a Pancreatic Polypeptide-Producing Tumor of the Pancreas.</b> U.A. Choksi, R.V. Sellin, R.C. Hickey, and N.A. Samaan	64
<b>1-Desamino-8-D-arginine Vasopressin (Desmopressin) Shortens the Bleeding Time in Storage Pool Deficiency.</b> H.K. Nieuwenhuis and J.J. Sixma	65
<b>Metoprolol-Induced Hepatitis: Rechallenge and Drug Oxidation Phenotyping.</b> D. Larrey, J. Henrion, F. Heller, G. Babany, C. Degott, D. Pessayre, and J.-P. Benhamou	67
<b>Amiodarone-Induced Delirium.</b> R.G. Trohman, D. Castellanos, A. Castellanos, and K.M. Kessler	68

### REVIEWS

<b>The Clinical Significance of <i>Campylobacter pylori</i>.</b> C.P. Dooley and H. Cohen	70
<b>Artificial Intelligence in Medical Diagnosis.</b> P. Szolovits, R.S. Patil, and W.B. Schwartz	80

### CLINICAL REVIEW

<b>Hepatic Candidiasis in Cancer Patients: The Evolving Picture of the Syndrome.</b> M. Thaler, B. Pastakia, T.H. Shawket, T. O'Leary, and P.A. Pizzo	88
---	----

### ACADEMIA AND CLINIC

<b>Internal Medicine in the National Resident Matching Program 1987: The Ides of March.</b> J.S. Graettinger	101
<b>Posttest Probability Calculation by Weights: A Simple Form of Bayes' Theorem.</b> C.M. Rembold and D. Watson	115

### MEDICINE AND PUBLIC ISSUES

<b>The Standard of Care: A Case Report and Ethical Analysis.</b> J. La Puma, D.L. Schiedermayer, S. Toulmin, S.H. Miles, and J.A. McAtee	121
--	-----

### PERSPECTIVE

<b>What Makes the Patient-Doctor Relationship Therapeutic? Exploring the Connexional Dimension of Medical Care.</b> A.L. Suchman and D. A. Matthews	125
---	-----

Contents continued on next page

**EDITORIALS**

Recognition and Management of Expanding Myocardial Infarction. *J. Ferlinz* ..... 131  
Empiric Antibacterial Therapy in Granulocytopenia Induced by Cancer Chemotherapy. *R.H. Rubin* ..... 134  
Medical Student Education in Clinical Pharmacology and Therapeutics. *C.D. Brater and D.W. Nierenberg* ..... 136  
The Changing Adolescent. *C.E. Rapp, Jr.* ..... 137

**POSITION PAPERS**

The Future Internist. *The Task Force on the Future Internist, American Board of Internal Medicine* ..... 139  
Clinical Competence in Diagnostic Endoscopic Retrograde Cholangiopancreatography. *Health and Public Policy Committee, American College of Physicians* ..... 142  
Improving Medical Education in Therapeutics. *Health and Public Policy Committee, American College of Physicians* ..... 145

**LETTERS AND CORRECTIONS**

Essential Hypertension in Men and Women ..... 148  
*R.V. Lee and G. Enhoring; F.H. Messerli*  
Cost Containment and Hypertension ..... 148  
*L.Z. Feigenbaum; M. Moser*  
Sex Bias and Coronary Bypass Surgery ..... 149  
*J.P. Patton; B.G. Karlin; J.N. Tobin and S. Wasertheil-Smoller*  
Occult Carbon Monoxide Poisoning ..... 150  
*D.A. Nardone and T.G. Kelsey; P.S. Hecklerling, J.B. Leikin, A. Maturen, and J.T. Perkins*  
Hazards of the Swan-Ganz Catheter ..... 151  
*E.D. Robin*  
Screening for Primary Hyperparathyroidism ..... 151  
*A.M. Parfitt, D. Sudhaker Rao, and M. Kleerekoper*  
Protein S and the Nephrotic Syndrome ..... 152  
*B.W. Morrison; P.C. Comp*  
Plasmapheresis and Pulse Cyclophosphamide in Systemic Lupus Erythematosus ..... 152  
*W.G. Barr, E.A. Hubbell, and J.A. Robinson*  
Ability to Predict Diagnosis in Febrile Intravenous Drug Abusers ..... 153  
*D.P. Sklar; P. Marantz, M. Linzer, and G. Friedman*  
Routine Testing for Chlamydial Cervical Infections ..... 153  
*J.A. Ingelfinger; R.S. Phillips, M. Aronson, W. Taylor, and C. Safran*  
Cryptococcal Bursitis ..... 154  
*D. Sepkowitz, M. Maslow, M. Farber, M. Seleznick, and R. Walker*  
Thrombotic Thrombocytopenic Purpura and Herpes Zoster Infection ..... 154  
*K. Satoh, H. Takahashi, K. Nagai, and A. Shibata*  
HIV-1 and HIV-2 Double Infection in Greece ..... 155  
*V. Georgoulas, D. Fountoulis, A. Karvela-Agelakis, G. Komis, E. Malliarakis-Pinetidou, G. Antoniadis, K. Samakidis, X. Kondakis, M. Papapetropoulou, N. Zoumbos, O. A xenidou, K. Makris, and G. Sonidis*

Classification Systems for Human Immunodeficiency Virus (HIV) Infection ..... 155  
*J.D. Diaz, A. Berman, R.F. Lockey, and L.R. Espinoza*  
Acquired Immunodeficiency Syndrome (AIDS) as an Occupational Disease ..... 156  
*P.A. Furth; A. Markovitz*  
Evaluating the Risk of Gallbladder Cancer ..... 157  
*A.K. Diehl; L.J. Melton, III, V.S. Hench, A.R. Zinsmeister, and E.P. DiMaggio*  
Ro 15-1788 and Hepatic Failure ..... 158  
*L.R. Sutherland and G.Y. Minuk*  
Meta-Analysis in Clinical Research ..... 158  
*R.D. Gelber and A. Goldhirsch; K.A. L'Abbe, A.S. Detsky, and K. O'Rourke*  
Laboratory Use: Persisting Attitudes Implicit in a National Examination ..... 159  
*B.P. Schmitt and A.S. Elstein*  
Standard and Computed Tomography in the Evaluation of Chest Neoplasms ..... 160  
*F.M. Hall, M. Simon, and R.D. Pugatch; S.K. Inouye and H.C. Sox, Jr.*  
Assessing Adverse Drug Experiences ..... 160  
*J.K. Jones and R.L. Herman*  
Correction: Treadmill Score for Predicting Progression in Coronary Artery Disease ..... 161  
*E.J. Huth*  
Correction: Human Immunodeficiency Virus and Women Seeking Abortion ..... 161  
*E.J. Huth*  
Correction: Misspelling in Title of Editorial on Geriatric Hypernatremia ..... 161  
*E.J. Huth*

**AD LIBITUM**

Parkinson's Disease. *M. W. Zilkowski* ..... 161  
ICU Burnout. *J. A. Culpepper* ..... 161

**THE LITERATURE OF MEDICINE**

Book Reviews, Notes, and Listings ..... 162

Information for Authors ..... 1-6

Copyright Form ..... 1-27

New Products and Services ..... Begins on 1-2

Medical Notices ..... Begins on 1-93

From Other Pages ..... Begins on 1-124  
*Morbidity and Mortality Weekly Report: Contents* ..... 1-124

Abstracts of Articles ..... Begins on 1-153

Classified Services ..... See Advertising Pages

CME Bulletin Board ..... 1-119

Index to Advertisers ..... 1-196

Subscription Information ..... 1-5

## ARTICLES

<b>Advanced Ovarian Cancer: Long-Term Results of Treatment with Intensive Cisplatin-Based Chemotherapy of Brief Duration.</b> <i>J.D. Hainsworth, W.W. Grosh, L.S. Burnett, H.W. Jones III, S.N. Wolff, and F.A. Greco</i> .....	165
<b>Angina and Exertional Myocardial Ischemia in Diabetic and Nondiabetic Patients: Assessment by Exercise Thallium Scintigraphy.</b> <i>R.W. Nesto, R.T. Phillips, K.G. Kett, T. Hill, E. Perper, E. Young, and O.S. Leland, Jr.</i> .....	170
<b>Human Immunodeficiency Virus (HIV) Antigenemia (p24) in the Acquired Immunodeficiency Syndrome (AIDS) and the Effect of Treatment with Zidovudine (AZT).</b> <i>G.G. Jackson, D.A. Paul, L.A. Falk, M. Rubenis, J.C. Despotes, D. Mack, M. Krieg, and E.E. Emerson</i> .....	175
<b>Rapid Detection of Cytomegalovirus Pulmonary Infection by Bronchoalveolar Lavage and Centrifugation Culture.</b> <i>S.W. Crawford, R.A. Bowden, R.C. Hackman, C.A. Gleaves, J.D. Meyers, and J.G. Clark</i> .....	180
<b>Duration of Immunity after Hepatitis B Vaccination: Efficacy of Low-Dose Booster Vaccine.</b> <i>M.M. Horowitz, W.B. Ershler, W.P. McKinney, and R.J. Battilo</i> .....	185
<b>Antibodies to Vasopressin in Patients with Diabetes Insipidus: Implications for Diagnosis and Therapy.</b> <i>T.J. Vokes, M.B. Gaskill, and G.L. Robertson</i> .....	190
<b>Treatment of Left-Sided Ulcerative Colitis with 4-Aminosalicylic Acid Enemas: A Double-Blind, Placebo-Controlled Trial.</b> <i>A.L. Ginsberg, L.S. Beck, T.M. McIntosh, and L.E. Nochomovitz</i> .....	195
<b>Treatment of Severe Epstein-Barr Virus-Induced Polyclonal B-Lymphocyte Proliferation by Anti-B-Cell Monoclonal Antibodies: Two Cases after HLA-Mismatched Bone Marrow Transplantation.</b> <i>S. Blanche, F. Le Deist, F. Veber, G. Lenoir, A.M. Fischer, J. Brochier, C. Boucheix, M. Delaage, C. Griscelli, and A. Fischer</i> .....	199

## SHORT PAPERS

<b>Lipids and Lipoprotein Changes after Heart and Liver Transplantation in a Patient with Homozygous Familial Hypercholesterolemia.</b> <i>P. Valdivielso, J.L. Escolar, V. Cuervas-Mons, L.A. Pulpón, M.A.S. Chaparro, and P. González-Santos</i> .....	204
<b>Drug Purpura Due to Surreptitious Quinidine Intake.</b> <i>D.M. Reid and N.R. Shulman</i> .....	206
<b>Q Fever Endocarditis on Porcine Bioprosthetic Valves: Clinicopathologic Features and Microbiologic Findings in Three Patients Treated with Doxycycline, Cotrimoxazole, and Valve Replacement.</b> <i>M.L. Fernández-Guerrero, J.M. Muelas, J.M. Aguado, G. Renedo, J. Fraile, F. Soriano, and E. De Villalobos</i> .....	209

## BRIEF REPORTS

<b>Metoclopramide-Induced Agranulocytosis.</b> <i>R.L. Harvey and M.J. Lazar</i> .....	214
<b>Enalapril for Pregnancy-Induced Hypertension: Acute Renal Failure in a Neonate.</b> <i>G. Schubiger, G. Flury, and J. Nussberger</i> .....	215

## DIAGNOSIS AND TREATMENT

<b>Standardization of Spirometry: A Summary of Recommendations from the American Thoracic Society: The 1987 Update.</b> <i>R.M. Gardner</i> .....	217
---	-----

## NIH CONFERENCE

<b>Varicella-Zoster Virus Infections: Biology, Natural History, Treatment, and Prevention.</b> <i>S.E. Straus, J.M. Ostrove, G. Inchauspé, J.M. Felser, A. Freifeld, K.D. Croen, and M.H. Sawyer</i> .....	221
--	-----

## REVIEW

<b>Norfloxacin: A New Targeted Fluoroquinolone Antimicrobial Agent.</b> <i>J.S. Wolfson and D.C. Hooper</i> .....	238
---	-----

## CLINICAL REVIEW

<b>Factitious Hypoglycemia Due to Surreptitious Administration of Insulin: Diagnosis, Treatment, and Long-Term Follow-Up.</b> <i>G. Grunberger, J.L. Weiner, R. Silverman, S. Taylor, and P. Gorden</i> .....	252
---	-----

## ACADEMIA AND CLINIC

<b>Uniform Requirements for Manuscripts Submitted to Biomedical Journals. International Committee of Medical Journal Editors</b> .....	258
<b>Guidelines for Statistical Reporting in Articles for Medical Journals: Amplifications and Explanations.</b> <i>J.C. Bailar III and F. Mosteller</i> .....	266
<b>Optimal Timing of Colonoscopy to Screen for Cancer in Ulcerative Colitis.</b> <i>B.A. Lashner, S.B. Hanauer, and M.D. Silverstein</i> .....	274

## MEDICINE AND PUBLIC ISSUES

<b>Financing Long-Term Care. Health and Public Policy Committee, American College of Physicians</b> .....	279
---	-----

## PERSPECTIVE

<b>Stopping Antibiotic Therapy in Neutropenic Patients.</b> <i>M.J. DiNubile</i> .....	289
--	-----

Contents continued on next page

**EDITORIALS**

Bone Densitometry and Clinical Decision-Making in Osteoporosis. *B.L. Riggs and H.W. Wahner* ..... 293  
Financing Long-Term Care: The Need for a National Health Plan. *A.W. Feinberg* ..... 295  
Confidence Intervals Extract Clinically Useful Information from Data. *L.E. Braitman* ..... 296  
Uniform Requirements for Manuscripts: The New, Third Edition. *E.J. Huth* ..... 298  
*Bedside Diagnosis: A New Annotated Bibliography*. *D.B. Nash* ..... 299

**POSITION PAPERS**

Clinical Competence in Percutaneous Renal Biopsy. *Health and Public Policy Committee, American College of Physicians* ..... 301  
Retraction of Research Findings. *International Committee of Medical Journal Editors* ..... 304

**LETTERS AND CORRECTIONS**

Nifedipine, Hypotension, and Myocardial Injury. *A.D. Leavitt and A.J. Zweifler; T. Meriden; T.D. Giles and G.E. Sander* ..... 305  
Alternate Methods of Heparin Administration. *M.I. Taragin; A.G.G. Turpie, J. Hirsh, and M. Gent; W.J. Elliott* ..... 306  
Plasma Expanders and Bleeding. *N. Abramson* ..... 307  
Aminophylline and Chronic Obstructive Pulmonary Disease. *N.M. Gayed; K.L. Rice* ..... 307  
Remission Rates with Antithyroid Drugs. *S. Sakata* ..... 308  
Human Immunodeficiency Virus, Coxsackievirus, and Cardiomyopathy. *H. Dittrich, L. Chow, F. Denaro, and S. Spector* ..... 308  
Antimicrobial Therapy for *Salmonella* Infections in the Acquired Immunodeficiency Syndrome (AIDS). *K.V.I. Rolston, S. Rodriguez, and P.W.A. Mansell* ..... 309  
Hodgkin Disease and Infection with the Human Immunodeficiency Virus (HIV) in Italy. *U. Tirelli, E. Vaccher, G. Rezza, G. Broccia, P.G. Fassio, M. Gobbi, F.M. Gritti, G. Lambertenghi Deliliers, A. Lazzarin, G. Luzzi, F. Mandelli, R. Maserti, N. Piersantelli, F. Puppo, G. Rossi, R. Foa, F. Gavosta, and S. Monfardini* ..... 309  
Cerebellar Disease without Dementia and Infection with Human Immunodeficiency Virus (HIV). *M. Yebra, A. García-Merino, F. Albarrán, J.M. Varela, and J.M. Echevarría* ..... 310

**Interaction between Cyclosporine and Warfarin** ..... 311

*D.S. Snyder*

**Bicarbonate Therapy in Severe Acidosis** ..... 311

*R.G. Narins and J.J. Cohen*

**Low-Dose Acyclovir and Acute Renal Failure** ..... 312

*A. Giustina, G. Romanelli, A. Cimino, and G. Brunori*

**Potential Neurotoxicity of Tryptophan** ..... 312

*A. Freese, K.J. Schwartz, and M. During*

**Cholesterol Reduction and Life Expectancy** ..... 313

*P.L. Frommer, J. Verter, J. Witters, and W. Castelli; W.C. Taylor, T.M. Pass, D.S. Shepard, and A.L. Komaroff*

**Correction: Appendix Table 1 in Article on Cholesterol Reduction and Life Expectancy** ..... 314

*W.C. Taylor, T.M. Pass, D.S. Shepard, and A.L. Komaroff*

**Correction: Incorrect Citation of Reference in Article on the Standard of Care** ..... 315

*E.J. Huth*

**Correction: Missing Reference in Article on Improving Medical Education in Therapeutics** ..... 315

*E.J. Huth*

**THE LITERATURE OF MEDICINE**

**Book Reviews, Notes, and Listings** ..... 316

**Information for Authors** ..... 1-6

**Copyright Form** ..... 1-47

**New Products and Services** ..... Begins on 1-2

**Medical Notices** ..... Begins on 1-63

**From Other Pages** ..... Begins on 1-120  
*Morbidity and Mortality Weekly Report*:  
Contents ..... 1-120

**Abstracts of Articles** ..... Begins on 1-145

**Classified Services** ..... See Advertising Pages

**CME Bulletin Board** ..... 1-115

**Index to Advertisers** ..... 1-206

**Subscription Information** ..... 1-5

Number 3, March 1988

ARTICLES

Human Immunodeficiency Virus (HIV) Infection of the Uterine Cervix. R.J. Pomerantz, S.M. de la Monte, S.P. Donegan, T.R. Rota, M.W. Vogt, D.E. Craven, and M.S. Hirsch	321
Intestinal Infections in Patients with the Acquired Immunodeficiency Syndrome (AIDS): Etiology and Response to Therapy. P.D. Smith, H.C. Lane, V.J. Gill, J.F. Manischewitz, G.V. Quinnan, A.S. Fauci, and H. Masur	328
Glyburide or Insulin for Metabolic Control in Non-Insulin-Dependent Diabetes Mellitus: A Randomized, Double-Blind Study. D.M. Nathan, A. Roussell, and J.E. Godine	334
Islet Cell Tumors Metastatic to the Liver: Effective Palliation by Sequential Hepatic Artery Embolization. J.A. Ajani, C.H. Carrasco, C. Charnsangavej, N.A. Samaan, B. Levin, and S. Wallace	340
Pleural Fluid pH in Malignant Effusions: Diagnostic, Prognostic, and Therapeutic Implications. S.A. Sahn and J.T. Good, Jr.	345
Trimethoprim-Sulfamethoxazole for Acute Dysuria in Women: A Single-Dose or 10-Day Course. A Randomized, Double-Blind Study. S.D. Fihn, C. Johnson, P.L. Roberts, K. Running, and W.E. Stamm	350
Postmenopausal Estrogen Use and Coronary Atherosclerosis. J.M. Sullivan, R. Vander Zwaag, G.F. Lemp, J.P. Hughes, V. Maddock, F.W. Kroetz, K.B. Ramanathan, and D.M. Mirvis	358
Botulism from Chopped Garlic: Delayed Recognition of a Major Outbreak. M.E. St. Louis, S.H.S. Peck, D. Bowering, G.B. Morgan, J. Blatherwick, S. Banerjee, G.D.M. Kettyls, W.A. Black, M.E. Milling, A.H.W. Hauschild, R.V. Tauxe, and P.A. Blake	363

SHORT PAPERS

Two Distinct Quinidine-Induced Rheumatic Syndromes. M.G. Cohen, S. Kevat, M.V. Prowse, and M.J. Ahern	369
Anemia and Erythropoiesis in Patients with the Acquired Immunodeficiency Syndrome (AIDS) and Kaposi Sarcoma Treated with Zidovudine. R.E. Walker, R.I. Parker, J.A. Kovacs, H. Masur, H.C. Lane, S. Carleton, L.E. Kirk, H.R. Gralnick, and A.S. Fauci	372
Mechanism of Aortic Balloon Valvuloplasty: Fracture of Valvular Calcific Deposits. J. Isner, D.A. Samuels, G.A. Slovencik, K.R. Halaburka, T.J. Hougen, M.R. Desnoyers, C.D. Fields, and D.N. Salem	377
Serologic Markers with Fulminant Hepatitis in Persons Positive for Hepatitis B Surface Antigen: A Worldwide Epidemiologic and Clinical Survey. G. Saracco, S. Macagno, F. Rosina, F. Caredda, S. Antinori, and M. Rizzetto	380

BRIEF REPORTS

Cryptococcal Meningitis in the Acquired Immunodeficiency Syndrome (AIDS): Successful Treatment with Fluconazole after Failure of Amphotericin B. W.R. Byrne and C.P. Wajszczuk	384
Running-Associated Proximal Hemorrhagic Colitis. F.M. Moses, T.G. Brewer, and D.A. Peura	385

DIAGNOSIS AND TREATMENT

Chronic Fatigue Syndrome: A Working Case Definition. G.P. Holmes, J.E. Kaplan, N.M. Gantz, A.L. Komaroff, L.B. Schonberger, S.E. Straus, J.F. Jones, R.D. DuBois, C. Cunningham-Rundles, S. Pahwa, G. Tosato, L.S. Zegans, D.T. Purti, N. Brown, R.T. Schooley, and I. Brus	387
---	-----

NIH CONFERENCE

Hepatocellular Carcinoma. A.M. Di Bisceglie, V.K. Rustgi, J.H. Hoofnagle, G.M. Dusheiko, and M.T. Lotze	390
---	-----

REVIEW

Magnetic Resonance Imaging of the Brain and the Spine: Is Clinical Efficacy Established after the First Decade? D.L. Kent and E.B. Larson	402
---	-----

CLINICAL REVIEW

Pulmonary Hypertension from Chronic Pulmonary Thromboembolism. S. Rich, S. Levitsky, and B.H. Brundage	425
--	-----

ACADEMIA AND CLINIC

Dealing with Uncertainty, Risks, and Tradeoffs in Clinical Decisions: A Cognitive Science Approach. A.J. Moskowitz, B. Kuipers, and J.P. Kassirer	435
---	-----

Contents continued on next page

**EDITORIALS**

Indications for Antiarrhythmic Therapy: A Wealth of Controversy, A Dearth of Data. *R.L. Woosley* . . . . . 450  
Ganciclovir—Have We Established Clinical Value in the Treatment of Cytomegalovirus Infections? *R.J. Whitley* . . . . . 452  
Humoral Hypercalcemia of Malignancy. *A.F. Stewart, W.J. Burts, T.L. Wu, and K.L. Insogna* . . . . . 454  
Are Booster Doses of Hepatitis B Vaccine Necessary? *S.C. Hadler* . . . . . 457  
Certification in Diagnostic Laboratory Immunology. *R.H. Buckley* . . . . . 458

**POSITION PAPERS**

The Acquired Immunodeficiency Syndrome (AIDS) and Infection with the Human Immunodeficiency Virus (HIV). *Health and Public Policy Committee, American College of Physicians; Infectious Diseases Society of America* . . . . . 460  
Financing the Care of Patients with the Acquired Immunodeficiency Syndrome (AIDS). *Health and Public Policy Committee, American College of Physicians* . . . . . 470  
Magnetic Resonance Imaging of the Brain and Spine. *Health and Public Policy Committee, American College of Physicians* . . . . . 474

**ABROAD**

Establishing Underground Medical Clinics in Rural Afghanistan: The International Medical Corps Experience. *R.R. Simon and M.H. Hyman* . . . . . 477

**LETTERS AND CORRECTIONS**

Bone Densitometry. . . . . 481  
*M. Notelovitz; R.B. Mazess*  
Familial Dysalbuminemic Hyperthyroxinemia in a Hispanic Family . . . . . 482  
*J.M. Kunitake, J.M. Hershman, and J.C. Nelson*  
Treatment of Goiter for Cosmetic Reasons . . . . . 482  
*G. Burke*  
Remission of Graves Disease and Iodine Intake . . . . . 482  
*D.L. St. Germain; B.L. Solomon, K.D. Burman, and L. Wartofsky*  
Marine Omega-3 Fatty Acids and Atherosclerosis . . . . . 483  
*J. Lynfield; C.J. Lavie and G.T. Gau; J.C. Fox*  
Ibuprofen and Antihypertensive Drugs . . . . . 485  
*L.G. Miller; K.L. Radack*  
Verapamil and Multifocal Atrial Tachycardia . . . . . 485  
*C.Y. Lui and J.J. Franchina; E.L. Arsura and D.L. Scher*  
Elastase Activity in Cigarette Smokers . . . . . 487  
*R.T. Abboud and T.T. Fera; J.J. Robbins*  
Transtracheal Delivery of Oxygen . . . . . 487  
*R.F. Huller, Jr. and R.J. Moser, III*  
Anaphylaxis and Hydrocortisone . . . . . 488  
*H. Al Mahdy and M. Hall*  
Aminophylline and Chronic Obstructive Pulmonary Disease . . . . . 488  
*D. Gilchrist and C.K. Chan; K.L. Rice*  
Heparin and Deep Vein Thrombosis . . . . . 488  
*P.A. Routledge and N.J. Scolding*  
Hematuria and Legionella Pneumonia . . . . . 489  
*R.J. Golub and S.H. Feinsilver*  
Pneumocystis Pneumonia . . . . . 489  
*E.P. Neibart; J.E. Conte, Jr., H. Hollander, and J. Golden*  
Inhaled Pentamidine and Hypoglycemia . . . . . 490  
*J.A. Karboski and P.J. Godley*

Disseminated-to-Skin Kala-Azar and the Acquired Immunodeficiency Syndrome (AIDS) . . . . . 490  
*M. Yebra, J. Segovia, L. Manzano, J.A. Vargas, L.B. de Quirós, and J. Alvar*  
Cyclosporin in Wegener Granulomatosis . . . . . 491  
*F. Gremmel, W. Drumli, P. Schmidt, and W. Granger*  
Fluorodeoxyuridine and Metastatic Colorectal Carcinoma . . . . . 491  
*S.N. Wolff; N. Kemeny, and N. Geller*  
Chronic Hepatitis B and Adenine Arabinoside Monophosphate (Ara-AMP) . . . . . 492  
*D.M. Novick; G. Garcia, W.S. Robinson, P.B. Gregory, and T.C. Merigan*  
Ranitidine and Bradycardia . . . . . 493  
*W.S. Johnson and D.R. Miller*  
Idiopathic Nephrotic Syndrome and Renal Biopsy . . . . . 494  
*J.G. Dolan; A.S. Levey, J. Lau, S.G. Pauker, and J.P. Kassirer*  
Flexible Sigmoidoscopy for Screening . . . . . 494  
*K.D. Wrenn; R.S. Wigton, D. Ellis, J.L. Achord, K.L. Kahn, and J.A. Vennes*  
Influenza Vaccine . . . . . 495  
*G.A. Poland*  
"Medical Clearance" and the "Last Hurdle" . . . . . 495  
*S.G. Kirby*  
A Jury of Medical Experts . . . . . 495  
*P.J. Jederlinic*  
Authorship and Clinical Trials . . . . . 495  
*Z.A. Arlin*  
Correction: The Central Nervous System in the Acquired Immunodeficiency Syndrome (AIDS) . . . . . 496  
*E.J. Huth*  
Correction: Omitted Author's Name . . . . . 496  
*E.J. Huth*  
Correction: Article on the Effect of 1-Desamino-8-D-arginine Vasopressin on Operative Blood Loss . . . . . 496  
*E.J. Huth*

**THE LITERATURE OF MEDICINE**

A Library for Internists VI: Recommendations from the American College of Physicians. *E. J. Huth* . . . . . 497

Information for Authors . . . . . I-6

Copyright Form . . . . . I-41

New Products and Services . . . . . Begins on I-2

Medical Notices . . . . . Begins on I-89

From Other Pages . . . . . Begins on I-133  
*Morbidity and Mortality Weekly Report:*  
Excerpts and Contents . . . . . I-133

Abstracts of Articles . . . . . Begins on I-147

Classified Services . . . . . See Advertising Pages

CME Bulletin Board . . . . . I-122

Index to Advertisers . . . . . I-204

Subscription Information . . . . . I-5

## ARTICLES

Advanced Seminoma: The Role of Chemotherapy and Adjunctive Surgery. <i>R.J. Motzer, G.J. Bosl, N.L. Geller, D. Penenberg, A. Yagoda, R. Golbey, W.F. Whitmore, Jr., W.R. Fair, P. Sogani, H. Herr, M. Morse, R.W. Carey, and N. Vogelzang</i> . . . . .	513
Metastatic Renal Cancer Treated with Interleukin-2 and Lymphokine-Activated Killer Cells: A Phase II Clinical Trial. <i>R.I. Fisher, C.A. Coltman, Jr., J.H. Doroshow, A.A. Rayner, M.J. Hawkins, J.W. Mier, P. Wiernik, J.D. McMannis, G.R. Weiss, K.A. Margolin, B.T. Gemlo, D.F. Hoth, D.R. Parkinson, and E. Paietta</i> . . . . .	518
Left Ventricular Contractility Varies Directly with Blood Ionized Calcium. <i>R.M. Lang, S.K. Fellner, A. Neumann, D.A. Bushinsky, and K.M. Borow</i> . . . . .	524
High Serum Cortisol Levels in Exercise-Associated Amenorrhea. <i>J.-H. Ding, C.B. Scheckter, B.L. Drinkwater, M.R. Soules, and W.J. Bremner</i> . . . . .	530
Treatment of the Acquired Immunodeficiency Syndrome (AIDS) and AIDS-Related Complex with a Regimen of 3'-Azido-2',3'-Dideoxythymidine (Azidothymidine or Zidovudine) and Acyclovir: A Pilot Study. <i>A. Surbone, R. Yarchoan, N. McAtee, M.R. Blum, M. Maha, J.P. Alain, R.V. Thomas, H. Mitsuya, S.N. Lehrman, M. Leuther, J.M. Pluda, F.K. Jacobsen, H.A. Kessler, C.E. Myers, and S. Broder</i> . . . . .	534
Persistent <i>Campylobacter jejuni</i> Infections in Patients Infected with Human Immunodeficiency Virus (HIV). <i>D.M. Perlman, N.M. Ampel, R.B. Schiffman, D.L. Cohn, C.M. Patton, M.L. Aguirre, W.-L.L. Wang, and M.J. Blaser</i> . . . . .	540
Biliary Stent Blockage with Bacterial Biofilm: A Light and Electron Microscopy Study. <i>A.G. Speer, P.B. Cotton, J. Rode, A.M. Seddon, C.R. Neal, J. Holton, and J.W. Costerton</i> . . . . .	546

## SHORT PAPERS

Continuous Narcotic Infusion with Patient-Controlled Analgesia for Chronic Cancer Pain in Outpatients. <i>I.G. Kerr, M. Sone, C. DeAngelis, N. Iscoe, R. MacKenzie, and T. Schueler</i> . . . . .	554
The Risk for Systemic Embolization Associated with Percutaneous Balloon Valvuloplasty in Adults: A Prospective Comprehensive Evaluation. <i>C.J. Davidson, T.N. Skelton, K.B. Kisslo, Y. Kong, R.H. Peter, C.A. Simonton, H.R. Phillips, V.S. Behar, and T.M. Bashore</i> . . . . .	557
Pityrosporum Folliculitis after Bone Marrow Transplantation: Clinical Observations in Five Patients. <i>J.A. Bufill, L.G. Lum, J.G. Caya, C.R. Chitambar, P.S. Ritch, T. Anderson, and R.C. Ash</i> . . . . .	560

## BRIEF REPORTS

Muscle and Skin Infarction after Free-Basing Cocaine (Crack). <i>J.C. Zamora-Quezada, H. Dinerman, M.J. Stadecker, and J.J. Kelly</i> . . . . .	564
Ranitidine-Induced Granulocytopenia: Recurrence with Cimetidine Administration. <i>A.F. List, D.H. Baird, and T. Kummel</i> . . . . .	566
Acute Pancreatitis Associated with Chemotherapy for Germ Cell Tumors in Two Patients. <i>M.A. Socinski and M.B. Garnick</i> . . . . .	567
Stenotic Aortic and Mitral Valves Treated with Catheter Balloon Valvuloplasty in a Patient with Small Valve Annuli. <i>C.R. McKay, D.T. Kawanishi, S. Chatterjee, C.L. Reid, and S.H. Rahimtulla</i> . . . . .	568

## DIAGNOSIS AND TREATMENT

Advanced Breast Cancer: High-Dose Chemotherapy and Bone Marrow Autotransplants. <i>K. Antman and R.P. Gale</i> . . . . .	570
--	-----

## NIH CONFERENCE

Angioimmunoblastic Lymphadenopathy with Dysproteinemia. <i>A.D. Steinberg, M.F. Seldin, E.S. Jaffe, H.R. Smith, D.M. Klinman, A.M. Krieg, and J. Cossman</i> . . . . .	575
--	-----

## REVIEW

Serious Cytomegalovirus Disease in the Acquired Immunodeficiency Syndrome (AIDS): Clinical Findings, Diagnosis, and Treatment. <i>M.A. Jacobson and J. Mills</i> . . . . .	585
--	-----

## BASIC REVIEW

Interferon-Gamma, the Activated Macrophage, and Host Defense against Microbial Challenge. <i>H.W. Murray</i> . . . . .	595
--	-----

## ACADEMIA AND CLINIC

A Stool Collection Device: The First Step in Occult Blood Testing. <i>D.A. Ahlquist, S. Schwartz, J. Isaacson, and M. Ellefson</i> . . . . .	609
A Proposal for More Informative Abstracts of Review Articles. <i>C.D. Mulrow, S.B. Thacker, and J.A. Pugh</i> . . . . .	613

## MEDICINE AND PUBLIC ISSUES

Immunization Policies and Vaccine Coverage among Adults: The Risk for Missed Opportunities. <i>W.W. Williams, M.A. Hickson, M.A. Kane, A.P. Kendal, J.S. Spika, and A.R. Hinman</i> . . . . .	616
---	-----

Contents continued on next page

**EDITORIALS**

Postischemic Myocardial "Stunning": A Clinically Relevant Phenomenon. *B. Patel, R.A. Kloner, K. Przyklenk, and E. Braunwald* ..... 626  
 Human Papillomavirus: Implications for Clinical Medicine. *R.F. Rando* ..... 628  
 Style Notes: Eponyms. *The Editor* ..... 630

**POSITION PAPER**

Clinical Competence in Acute Hemodialysis. *Health and Public Policy Committee, American College of Physicians* ..... 632

**LETTERS AND CORRECTIONS**

Eponyms ..... 635  
*K.D. Burman, J.R. Baker, Y.-C. Tseng, N. Saunders, B. Solomon, and L. Wartofsky*  
 The Patient-Doctor Relationship ..... 635  
*L.I. Stemp; J.M. Ungar*  
 Residency Programs in Internal Medicine ..... 636  
*S.H. Weissman; W.M. Gerhold*  
 The Standard of Care ..... 636  
*J.K. Rodeheffer; J.R. Vevaina; J. Brachfeld*  
 Preventing Tampering with Prescriptions: The Marton Method ..... 637  
*P.R. Billings*  
 Medical "Experts" in Litigation ..... 637  
*J.R. Webster*  
 Risks in Intrahospital Transport ..... 638  
*I. Wright, P.N. Rogers, and S. Ridley*  
 Cigarette Smoking and the Acquired Immunodeficiency Syndrome ..... 638  
*L.R. Berger*  
 Fansidar and *Pneumocystis carinii* Pneumonia ..... 638  
*P.H.J. Frissen, A. Stronhorst, J.K.M. Eeftinck Schattenkerk, and S.A. Danner*  
 Cytology or Biopsy ..... 639  
*S.R. Newcom*  
 Cocaine and Rhabdomyolysis ..... 639  
*K.D. Krohn, S. Slowman-Kovacs, and S.B. Leppman*  
 Renal Salt Wasting and Carboplatinum ..... 640  
*J. Welborn, F.J. Meyers, and L.F. O'Grady*  
 Methotrexate in Rheumatoid Arthritis ..... 640  
*J. Weinstein; D.M. Nordstrom, S.G. West, P.A. Andersen, and J.T. Sharp*  
 Marine Omega-3 Fatty Acids and Atherosclerosis ..... 641  
*R.C. Becker and J.M. Corrao; C. von Schacky*  
 Thyroiditis from a Seat Belt? ..... 641  
*M. Bornemann*

**Parathyroid Hormone and Hypophosphatemia** ..... 641

*J. Thode, N. Fogh-Andersen, I. Transbøl, and S.N. Holmegaard*

**Urinary Retention in Diabetic Patients** ..... 642

*T.K. Chaudhuri, J.D.K. Palmer, R.H. Burger, and S. Fink*

**Desmopressin and Blood Loss** ..... 642

*S.M. Picca; N.L. Kobrinsky, R.M. Letts, L.R. Patel, E.D. Israels, R.C. Monson, N. Schwetz, and M.S. Cheang*

**Cefotetan and Hypoprothrombinemia** ..... 643

*A. Conjura, W. Bell, and J.J. Lipsky*

**Herpes Zoster, Postherpetic Neuralgia, and Interferon-Gamma** ..... 643

*K. Usuki, K. Kitamura, A. Urabe, and F. Takaku*

**Pleuropneumonia and Alkaline Phosphatase** ..... 644

*M.M. Odeh and H.M. Bassan*

**Influenza in Nursing Homes** ..... 644

*T.G. Ganiats and A.F. Wong; P.A. Patriarca and J.P. Koplan*

**Ibuprofen and Antihypertensive Drugs** ..... 645

*S.A. Furey; K. Radack, S. Bloomfield, and C. Deck*

**Correction: Angina in Exertional Myocardial Ischemia in Diabetic and Nondiabetic Patients** ..... 646

*E.J. Huth*

**THE LITERATURE OF MEDICINE**

Book Reviews, Notes, and Listings ..... 647

Information for Authors ..... I-6

Copyright Form ..... I-32

New Products and Services ..... Begins on I-2

Medical Notices ..... Begins on I-61

From Other Pages ..... Begins on I-135

*Morbidity and Mortality Weekly Report:* Excerpts and Contents ..... I-135

Abstracts of Articles ..... Begins on I-169

Classified Services ..... See Advertising Pages

CME Bulletin Board ..... I-127

Index to Advertisers ..... I-214

Subscription Information ..... I-5

## ARTICLES

<b>The Clinical Effectiveness of Pneumococcal Vaccine in the Elderly. R.V. Sims, W.C. Steinmann, J.H. McConville, L.R. King, W.C. Zwick, and J.S. Schwartz</b> .....	653
<b>Failure of Simple Clinical Measurements to Predict Perfusion Status after Intravenous Thrombolysis. R.M. Calif, W. O'Neil, R.S. Stack, L. Aronson, D.B. Mark, S. Mantell, B.S. George, R.J. Candela, D.J. Kereiakes, C. Abbottsmith, E.J. Topol, and the TAMI Study Group</b> .....	658
<b>Adverse Metabolic Effect of Omega-3 Fatty Acids in Non-Insulin-Dependent Diabetes Mellitus. H. Glauber, P. Wallace, K. Griver, and G. Brechtel</b> .....	663
<b>Gallium Nitrate for Acute Treatment of Cancer-Related Hypercalcemia: A Randomized, Double-Blind Comparison to Calcitonin. R.P. Warrell, Jr., R. Israel, M. Frisone, T. Snyder, J.J. Gaynor, and R.S. Bockman</b> .....	669
<b>Treatment of Condyloma Acuminatum with Three Different Interferons Administered Intralesionally: A Double-Blind, Placebo-Controlled Trial. R.C. Reichman, D. Oakes, W. Bonnez, C. Greisberger, S. Tyring, L. Miller, R. Whitley, H. Carveth, M. Weidner, G. Krueger, L. Yorkey, N.J. Roberts, Jr., and R. Dolin</b> .....	675
<b>Liver Disease Associated with Occupational Exposure to the Solvent Dimethylformamide. C.A. Redlich, W.S. Beckett, J. Sparer, K.W. Barwick, C.A. Riely, H. Miller, S.L. Sigal, S.L. Shalat, and M.R. Cullen</b> .....	680
<b>Proliferative Response of Bronchoalveolar Lymphocytes to Beryllium: A Test for Chronic Beryllium Disease. M.D. Rossman, J.A. Kern, J.A. Elias, M.R. Cullen, P.E. Epstein, O.P. Preuss, T.N. Markham, and R.P. Daniele</b> .....	687
<b>Adenovirus Type-2 in a Patient with Lethal Hemorrhagic Colonic Ulcers and Chronic Active Epstein-Barr Virus Infection. M. Okano, G.M. Thiele, J.R. Davis, W.M. Nauseef, F. Mitros, and D.T. Purtill</b> .....	693

## SHORT PAPERS

<b>Extraintestinal Manifestations in Patients with Diverticulitis. S. Klein, L. Mayer, D.H. Present, K.D. Youner, M.A. Cerulli, and D.B. Sachar</b> .....	700
<b>Danazol for the Treatment of Refractory Autoimmune Thrombocytopenia in Systemic Lupus Erythematosus. S.G. West and S.C. Johnson</b> .....	703

## BRIEF REPORTS

<b>Hepatitis Due to Recurrent Lyme Disease. M.H. Goellner, W.A. Agger, J.H. Burgess, and P.H. Duray</b> .....	707
<b>Somatostatin Treatment for Cryptosporidial Diarrhea in a Patient with the Acquired Immunodeficiency Syndrome (AIDS). D.J. Cook, J.G. Kelton, A.M. Stanisz, and S.M. Collins</b> .....	708

## DIAGNOSIS AND TREATMENT

<b>Diagnosis of <i>Chlamydia trachomatis</i> Genitourinary Infection. W.E. Stamm</b> .....	710
--	-----

## UCLA CONFERENCE

<b>New Issues in Geriatric Care. D.H. Solomon, H.L. Judd, H.C. Sier, L.Z. Rubenstein, and J.E. Morley</b> .....	718
---	-----

## REVIEW

<b>2'-Deoxycoformycin (Pentostatin) for Lymphoid Malignancies: Rational Development of an Active New Drug. P.J. O'Dwyer, B. Wagner, B. Leyland-Jones, R.E. Wittes, B.D. Cheson, and D.F. Hoth</b> .....	733
---	-----

## CLINICAL REVIEW

<b>Lymphoid Neoplasia Associated with the Acquired Immunodeficiency Syndrome (AIDS): The New York University Medical Center Experience with 105 Patients (1981-1986). D.M. Knowles, G.A. Chamulak, M. Subar, J.S. Burke, M. Dugan, J. Wernz, C. Odajnyk, P.-G. Pelicci, R. Dalla-Favera, and B. Raphael</b> .....	744
---	-----

## MEDICINE AND PUBLIC ISSUES

<b>A Consortium for Purchase of Blood Products Directed by Physicians. L.M. Aledort, R.A. Lipton, and M. Hilgartner</b> .....	754
---	-----

Contents continued on next page

**EDITORIALS**

Pneumococcal Vaccine: An Emerging Consensus. *F.M. LaForce and T.C. Eickhoff* ..... 757  
Diagnostic Technology Assessments: Problems and Prospects. *D.L. Kent and E.B. Larson* ..... 759  
The 1988 National Resident Matching Program. *J.S. Graettinger* ..... 761

**POSITION PAPER**

Clinical Competence in Acute Peritoneal Dialysis. *Health and Public Policy Committee, American College of Physicians* ..... 763

**LETTERS AND CORRECTIONS**

Plasminogen Activator and Cerebral Infarction ..... 766  
*R.E. Cranston, M.A. Wolfson, H.W. Buchsbaum, W.M. Feinberg, and A. Barreuther*  
Potential Costs of Preventing Extension of Myocardial Infarction ..... 766  
*M.I. Taragin*  
Studies of Omega-3 Fatty Acids ..... 767  
*H.R. Knapp*  
Nifedipine and Oncologic Raynaud Phenomenon ..... 767  
*A. Hantel, E.K. Rowinsky, and R.C. Donehower*  
False Lateralization of a Pituitary Microadenoma ..... 767  
*L.S. Jackson, E.R. Savolaine, and R. Franco-Saenz*  
Serum Alanine Aminotransferase and Seronegative Hepatitis ..... 768  
*P. Meier and M. Schmid*  
Hepatosplenic Candidiasis and Fungal Infection ..... 768  
*A. Thomson, J. Gibson, D.E. Joshua, W.J. Benson, and H. Kronenberg; B.L. Powell and D.V. Jackson, Jr.*  
Fulminant Hepatitis and Liver Transplantation ..... 769  
*A. Lopez, V. Jerez, J. Rebollo, A.G. Lombardo, and J.A. Julia*  
Ultrasonography in Wilson Disease ..... 769  
*W. Vogel, H. Kathrein, O. Dietze, and G. Judmaier*  
Chlorpheniramine and Agranulocytosis ..... 770  
*A.S. Hardin*  
Cisplatin and Hyponatremia ..... 770  
*X. Mariette, B. Paule, P. Bennet, D. Clerc, M. Bisson, and P. Massias*  
Circulating Anticoagulant in Asymptomatic Persons Seropositive for Human Immunodeficiency Virus (HIV) ..... 771  
*J.-J. Lefrere, D. Gozin, and J. Lerable*  
Blood Transfusion and Human Immunodeficiency Virus (HIV) Antigen ..... 771  
*A.-M. Couroucé, F. Bouchardieu, A.-M. Jullien, V. Faucher, and M. Lentzy*  
Fine-Needle Aspiration and Cryptococcosis in the Acquired Immunodeficiency Syndrome (AIDS) ..... 772  
*J.-M. Molina, E. Oksenhendler, M.-T. Daniel, and J.-P. Clauvel*  
*Streptococcus pyogenes and the Toxic Shock Syndrome* ..... 772  
*V. Hribalová*

Infection with *Trichosporon pullulans* ..... 772

*C.E. Hughes, D. Serstock, B.D. Wilson, and W. Payne*

Arthritis and Endocarditis from *Exophiala jeanselmei* Infection ..... 773

*A.J. Roncoroni and J. Smayevsky*

Sexual Activity and Urinary Tract Infections in Women ..... 773

*R.B. Stricker, B.L. Strom, and S.L. West*

The Idiopathic Nephrotic Syndrome and Renal Biopsy ..... 774

*J. Herrman, A.S. Levey, J. Lau, S.G. Pauker, and J.P. Kassirer*

False-Positive Brain Tumor ..... 775

*M.I. Weintraub*

Pupillary Dilation and Tropicamide ..... 775

*B.R. Shaw and R.A. Lewis*

Reimbursement for Nosocomial Infections ..... 776

*J.M. Boyce, L. Dzibek, and G. Potter-Bynoe*

SI Units and Ketchup on a Kilogrammer ..... 776

*J.G. Sotos*

Acknowledgments in Articles ..... 776

*T.C. McCloud; E.J. Huth*

Family Internists? ..... 777

*D.L. McGehee*

Nail Pigmentation and Azidothymidine ..... 777

*G. Vaiopoulos, J. Mangakis, A. Karpabinis, A. Kourtis, P. Fourtounis, and P. Fessas*

Correction: Reserpine Dosage ..... 777

*L.Z. Feigenbaum*

Correction: Enalapril for Pregnancy-Induced Hypertension: Acute Renal Failure in a Neonate ..... 777

*E.J. Huth*

**AD LIBITUM**

The Hearty Perennial. *J. Coulehan* ..... 778

**THE LITERATURE OF MEDICINE**

Book Reviews, Notes, and Listings ..... 779

Information for Authors ..... I-6

Copyright Form ..... I-43

New Products and Services ..... Begins on I-2

Medical Notices ..... Begins on I-77

From Other Pages ..... Begins on I-115

*Morbidity and Mortality Weekly Report: Contents* ..... I-115

Abstracts of Articles ..... Begins on I-148

Classified Services ..... See Advertising Pages

CME Bulletin Board ..... I-118

Index to Advertisers ..... I-188

Subscription Information ..... I-5

Number 6, June 1988

ARTICLES

Loss of Human Immunodeficiency Virus Type 1 (HIV-1) Antibodies with Evidence of Viral Infection in Asymptomatic Homosexual Men: A Report from the Multicenter AIDS Cohort Study. *H. Farzadegan, M.A. Polis, S.M. Wolinsky, C.R. Rinaldo, Jr., J.J. Sninsky, S. Kwok, R.L. Griffith, R.A. Kaslow, J.P. Phair, B.F. Polk, and A.J. Saah* ..... 785  
Electrocerebral Accompaniments of Syncope Associated with Malignant Ventricular Arrhythmias. *M.J. Aminoff, M.M. Scheinman, J.C. Griffin, and J.M. Herre* ..... 791  
Primary Pulmonary Hypertension in Patients with Classic Hemophilia. *G.H. Goldsmith, Jr., R.G. Baily, D.B. Brettl, W.R. Davidson, Jr., J.O. Ballard, T.E. Driscoll, J.M. Greenberg, C.K. Kasper, P.H. Levine, and O.D. Ratnoff* ..... 797  
Tracheal Occlusion Pressure: A Simple Index to Monitor Respiratory Muscle Fatigue during Acute Respiratory Failure in Patients with Chronic Obstructive Pulmonary Disease. *D. Murciano, J. Boczkowski, Y. Lecocguic, J. Milic Emili, R. Pariente, and M. Aubier* ..... 800  
Bone Marrow Transplantation for Chronic Myelogenous Leukemia in Chronic Phase: Increased Risk for Relapse Associated with T-Cell Depletion. *J.M. Goldman, R.P. Gale, M.M. Horowitz, J.C. Biggs, R.E. Champlin, E. Gluckman, R.G. Hoffmann, S.J. Jacobsen, A.M. Marmont, P.B. McGlave, H.A. Messner, A.A. Rimm, C. Rozman, B. Speck, S. Tura, R.S. Weiner, and M.M. Bortin* ..... 806  
Magnetic Resonance Imaging of Cerebral Lesions in Patients with the Sjögren Syndrome. *E.L. Alexander, S.S. Beall, B. Gordon, O.A. Selnes, G.D. Yannakakis, N. Patronas, T.T. Provost, and H.F. McFarland* ..... 815  
Weight-Bearing Exercise Training and Lumbar Bone Mineral Content in Postmenopausal Women. *G.P. Dalsky, K.S. Stocke, A.A. Ehsani, E. Slatopolsky, W.C. Lee, and S.J. Birge, Jr.* ..... 824

SHORT PAPERS

Antinuclear Autoantibodies Specific for Lamins: Characterization and Clinical Significance. *K. Lassoued, M.N. Guilly, F. Danon, C. Andre, D. Dhumeaux, J.-P. Clauvel, J.-C. Brouet, M. Seligmann, and J.-C. Courvalin* ..... 829  
Treatment of Cardiogenic Shock by Emergency Aortic Balloon Valvuloplasty. *M.R. Desnoyers, D.N. Salem, K. Rosenfield, W. Mackey, T. O'Donnell, and J.M. Isner* ..... 833

BRIEF REPORTS

Postresuscitation Hypokalemia in a Patient with a Normal Prearrest Serum Potassium Level. *D.M. Salerno* ..... 836  
Pseudothromboembolism in Myeloid Metaplasia. *J.J. Gordon, M. Austin, and E.S. Kurtides* ..... 837

DIAGNOSIS AND TREATMENT

Health Advice for International Travel. *D.R. Hill and R.D. Pearson* ..... 839

NIH CONFERENCE

New Approaches to the Immunotherapy of Cancer Using Interleukin-2. *S.A. Rosenberg, M.T. Lotze, and J.J. Mulé* ..... 853

REVIEW

Non-Ulcer Dyspepsia: Potential Causes and Pathophysiology. *N.J. Talley and S.F. Phillips* ..... 865

ACADEMIA AND CLINIC

Privilege Delineation in a Demanding New Environment. *J.S. Roberts, M.H. Radany, and D.B. Nash* ..... 880

PERSPECTIVE

The Coronary Care Unit Turns 25: Historical Trends and Future Directions. *T.H. Lee and L. Goldman* ..... 887

Contents continued on next page

**EDITORIALS**

Silent Sequences and the Safety of Blood Transfusions. *T.F. Zuck* ..... 895  
Autoantibodies to Nuclear Lamins. *E.M. Tan* ..... 897  
High-Cost Life Prolongation: The National Kidney Dialysis and Kidney Transplantation Study. *R.A. Gutman* ..... 898  
Change in Frequency of Publication and Size of Issues. *The Editor* ..... 899

**POSITION PAPER**

Clinical Competence in Continuous Arteriovenous Hemofiltration. *Health and Public Policy Committee, American College of Physicians* ..... 900

**LETTERS AND CORRECTIONS**

Asymptomatic Cardiac Ischemia in Diabetic Persons. *J.O. Judge; R.W. Nesto and K.G. Kett* ..... 903  
Nonbacterial Thrombotic Endocarditis Associated with Gold-Induced Pulmonary Disease. *M.H. Kollef, T. Irvine, and W.H. Cragun* ..... 903  
Vasoactive Peptides and the Carcinoid Syndrome. *P.J. Goadsby, L. Edvinsson, and P.S. Haber* ..... 904  
Fish Oils in Rheumatoid Arthritis. *G. Singh and R.K. Chandra* ..... 904  
Pulse Methotrexate Therapy in Rheumatoid Arthritis. *A.M.Th. Boerbooms, M.E.C. Jeurissen, and L.B.A. van de Putte; D. Nordstrom, S. West, P. Andersen, and J. Sharp* ..... 905  
Estimating True Fractional Calcium Absorption. *R.P. Heaney and R.R. Recker* ..... 905  
Fibrosis and the Chronic Fatigue Syndrome. *C. Pritchard* ..... 906  
Kala-Azar and the Acquired Immunodeficiency Syndrome (AIDS). *M. Yebra, J. Segovia, L. Manzano, J.A. Vargas, L.B. de Quirós, and J. Alvar* ..... 906  
Guidelines for Infection with the Human Immunodeficiency Virus (HIV) and Health Care Workers. *Z.A. Arlin* ..... 906  
Testing for the Human Immunodeficiency Virus (HIV) by Insurance Carriers. *M.W. Fulks* ..... 907  
Varicella-Zoster Virus Infection. *S.J. Sugar; M.H. Sawyer and S.E. Straus* ..... 907  
Stopping Antibiotics in Neutropenic Patients. *J.S. Cheesbrough and A. Murray* ..... 908  
Preventive Treatment for Tuberculosis in Elderly Persons. *D.N. Rose, A.L. Silver, and C.B. Schechter; A. Roy-Shapira, M.L. Uhruh, and M.D. Silverstein; W.W. Stead and T. To* ..... 908

Fibromyalgia and Interleukin-2 Therapy for Malignancy. *D.J. Wallace, K. Margolin, and P. Waller* ..... 909

Primary Sclerosing Cholangitis Associated with Membranous Nephropathy. *L. Verresen, M. Waer, R. Verberckmoes, P. Morris, and P. Michielsen* ..... 909

Protein C and S Response to Danacrine in End-Stage Renal Disease. *W.J. Henke* ..... 910

The Early Dumping Syndrome and Propranolol. *Y. Niv* ..... 910

Enalapril and Pregnancy-Induced Hypertension. *M.D. Lindheimer and W.M. Barron* ..... 911

Pentasa in Lieu of Sulfasalazine. *C.J.J. Mulder, G.N.J. Tytgat, W. Dekker, and I.J. Terpstra* ..... 911

Perioperative Nutrition. *J. Askanazi, V. Kvetan, and T. Hensle* ..... 912

Migratory Erythema and Glucagonoma: Descriptive Nomenclature. *W.H.C. Burgdorf* ..... 912

Omissions from *A Library for Internists*. *P.J. Rush; G.L. Mandell; E.J. Huth* ..... 913

The Doctor-Patient Relationship. *H.L. Arnold, Jr.; A.L. Suchman and D.A. Mathews; E.J. Huth* ..... 913

Correction: Intravenous Verapamil and Multifocal Atrial Tachycardia. *C.Y. Lui* ..... 914

**THE LITERATURE OF MEDICINE**

Book Reviews, Notes, and Listings ..... 915

**INDEX**

Information for Authors ..... I-6

Copyright Form ..... I-55

New Products and Services ..... Begins on I-2

Medical Notices ..... Begins on I-67

From Other Pages ..... Begins on I-129

*Morbidity and Mortality Weekly Report:* Excerpts and Contents ..... I-129

Abstracts of Articles ..... Begins on I-157

Classified Services ..... See Advertising Pages

CME Bulletin Board ..... I-118

Index to Advertisers ..... I-202

Subscription Information ..... I-5

